## This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

BLACK BORDERS

IMAGE CUT OFF AT TOP, BOTTOM OR SIDES

FADED TEXT OR DRAWING

BLURRED OR ILLEGIBLE TEXT OR DRAWING

SKEWED/SLANTED IMAGES

COLOR OR BLACK AND WHITE PHOTOGRAPHS

GRAY SCALE DOCUMENTS

LINES OR MARKS ON ORIGINAL DOCUMENT

REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY

OTHER:

## IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

L Number	Hits	Search Text	T DB	Time stamp
4	40	("local address" or "link-layer address")	USPAT;	2004/08/02 17:19
		near4 ("source address")	US-PGPUB;	2001,00,01
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
5	96	(mobile adj (node or device)) same modem	USPAT;	2004/08/02 17:30
		same server	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	t <sub>a</sub>
6	4	(mobile adj (node or device)) same modem	IBM_TDB USPAT;	2004/08/02 17:20
	1	same server same PSTN	US-PGPUB;	2004/00/02 17:20
			EPO; JPO;	
-			DERWENT;	
			IBM TDB	
7	16	(mobile adj (node or device)) same modem	USPAT;	2004/08/02 17:22
		same server and PSTN	US-PGPUB;	
			EPO; JPO;	i
			DERWENT;	
8	12	//mobile and /made an desire)	IBM_TDB	2004/00/00 17 00
0	12	((mobile adj (node or device)) same modem same server and PSTN) not ((mobile adj	USPAT;	2004/08/02 17:22
		(node or device)) same modem same server	US-PGPUB; EPO; JPO;	
		same PSTN)	DERWENT;	
		, 33,10	IBM TDB	
9	80	((mobile adj (node or device)) same modem	USPAT;	2004/08/02 17:30
		same server) not ((mobile adj (node or	US-PGPUB;	
		device)) same modem same server and PSTN)	EPO; JPO;	
			DERWENT;	
1.0			IBM_TDB	
10	80	mobile same modem same server same PSTN	USPAT;	2004/08/02 17:30
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
11	131	mobile same modem same server same (PSTN	USPAT;	2004/08/02 17:31
		or "telephone network")	US-PGPUB;	2001,00,02 1,131
			EPO; JPO;	
			DERWENT;	
1.0			IBM_TDB	
13	76	( the second country country country country	USPAT;	2004/08/02 17:31
		not ((mobile adj (node or device)) same modem same server)	US-PGPUB;	
		modem same server)	EPO; JPO;	
			DERWENT; IBM TDB	
12	124	(mobile same modem same server same (PSTN	USPAT;	2004/08/02 17:31
		or "telephone network")) not ((mobile adj	US-PGPUB;	
	İ	(node or device)) same modem same server)	EPO; JPO;	
	*		DERWENT;	
			IBM_TDB	
-	178	(home adj (network or agent)) and	USPAT;	2004/06/28 14:03
		(wireless or mobile) and unicast	US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
-	25	(home adj (network or agent)) and	USPAT;	2004/06/28 14:36
		((wireless or mobile) adj host) and	US-PGPUB;	
		unicast	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	25	((home adj (network or agent)) and	USPAT;	2004/06/28 14:13
		((wireless or mobile) adj host) and unicast	US-PGPUB;	
		) and (ip or "internet protocol")	EPO; JPO;	
		, and (ip or internet protocota)	DERWENT; IBM TDB	
_	55	(home adj (network or agent)) and	USPAT;	2004/06/28 14:32
		((wireless or mobile) adj host) and	US-PGPUB;	2001/00/20 14.32
		multicast	EPO; JPO;	
			DERWENT;	
			IBM TDB	

	,		<b>,</b>	1 1
-	36	<pre>((home adj (network or agent)) and ((wireless or mobile) adj host) and multicast ) not ((home adj (network or agent)) and ((wireless or mobile) adj host) and</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06/28 14:32
		unicast		
-	5	(home adj (network or agent)) and ((wireless or mobile)) and multicast and "last hop"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06/28 14:40
-	122	(home adj (network or agent)) and ((wireless or mobile)) and multicast and "tunnel"	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/06/28 14:40
_	28	(home adj (network or agent)) and ((wireless or mobile)) and multicast and "IP tunnel"	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/06/28 15:48
_	129	"virtual link" and multicast	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/06/28 16:03
-	27	"ip address" near6 map\$4 near6 ("group address" or multicast)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/06/29 10:29
_	2	6147986.pn.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/06/29 10:30
_	20	(US-6741575-\$ or US-6721297-\$ or US-6657981-\$ or US-6691227-\$ or US-66243758-\$ or US-5572528-\$ or US-6240089-\$ or US-6477149-\$ or US-6477150-\$ or US-6636502-\$ or US-6714987-\$ or US-5825759-\$ or US-5825759-\$ or US-6611510-\$ or US-6577609-\$ or US-6188691-\$ or US-6138144-\$ or US-6147986-\$).did.	IBM_TDB USPAT	2004/06/29 12:35
-	18	((US-6741575-\$ or US-6721297-\$ or US-6657981-\$ or US-6691227-\$ or US-6657981-\$ or US-6691227-\$ or US-6243758-\$ or US-6477149-\$ or US-6240089-\$ or US-6477149-\$ or US-6477150-\$ or US-6636502-\$ or US-6714987-\$ or US-5825759-\$ or US-5325362-\$ or US-6738828-\$ or US-6611510-\$ or US-6577609-\$ or US-6188691-\$ or US-6138144-\$ or US-6147986-\$).did.) and multicast\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/29 13:07
_	3	"2001/0036834"   "6198920"   "6230012"   "2001/0036834"   "2001/0046223"   "2002/0012327"   "2002/0031107"   "2002/0080767"   "2002/0093943"   "2002/0193116"   "2003/0063591").PN.	USPAT	2004/06/29 13:05
	2	("20010036834").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06/29 13:10

				10001/06/00 10 10
-	2	("20010046223").PN.	USPAT;	2004/06/29 13:13
			US-PGPUB;	
}			EPO; JPO; DERWENT;	
			IBM TDB	
	4	("2002001237").PN.	USPAT;	2004/06/29 13:13
-	4	( 2002001237 ).PN.	US-PGPUB;	2004/00/29 13.13
			EPO; JPO;	
			DERWENT;	
ŀ			IBM TDB	
_	2	("20020012327").PN.	USPAT;	2004/06/29 13:15
	_	( ,	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	2	("20020031107").PN.	USPĀT;	2004/06/29 13:15
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	3	("5737318"   "5751704"   "5752193").PN.	USPAT	2004/06/29 13:16
-	3	"virtual link layer" and multicast	USPAT;	2004/07/30 15:06
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	_	Hardware 1 1 days 1 account 1 1 4 2 5 1	IBM_TDB	0004/07/00 45 00
_	3		USPAT;	2004/07/30 15:08
		multi-cast or "group address")	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	630	(virtual near3 (link or layer)) and	IBM_TDB USPAT;	2004/07/30 15:08
	630	(Multicast or multi-cast or "group	US-PGPUB;	2004/07/30 15:08
		address")	EPO; JPO;	
1		dualess	DERWENT;	
			IBM TDB	
_	73	(virtual near3 (link or layer)) same	USPAT;	2004/07/30 15:58
		(multicast or multi-cast or "group	US-PGPUB;	
		address")	EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	5		USPĀT	2004/07/30 15:45
		"6112239"   "6415323").PN.		
-	8	("last hop" or last-hop) near6 multicast	USPAT;	2004/07/30 15:54
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
1_	11	("last ben" on last ben'101t'	IBM_TDB	2004/07/20 45 54
-	11	("last hop" or last-hop) near10 multicast	USPAT;	2004/07/30 15:54
			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
	3	(("last hop" or last-hop) near10	USPAT;	2004/07/30 15:54
		multicast) not (("last hop" or last-hop)	US-PGPUB;	-551/51/50 151.54
		near6 multicast)	EPO; JPO;	
		·	DERWENT;	
			IBM TDB	
-	223	(virtual near3 (address)) same (multicast	USPAT;	2004/07/30 15:59
		or multi-cast or "group address")	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	120	, , , , , , , , , , , , , , , , , , , ,	USPAT;	2004/07/30 15:59
		(multicast or multi-cast or "group	US-PGPUB;	
		address")	EPO; JPO;	
			DERWENT;	
			IBM TDB	

-	59	(virtual near3 (address)) near10	USPAT;	2004/07/30 16:20
		(multicast or multi-cast or "group	US-PGPUB;	
		address") and map\$4	EPO; JPO;	
			DERWENT;	1
			IBM TDB	
_	270	(ip near2 address\$4) same multicast\$4 same	USPAT;	2004/07/30 16:21
		(conver\$5 or translat\$4 or map\$4)	US-PGPUB;	
ļ			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	68	(ip near2 address\$4) same multicast\$4 same	USPAT;	2004/07/30 16:26
		(conver\$5 or translat\$4 or map\$4) and	US-PGPUB;	
		mobile\$1	EPO; JPO;	
		110011041	DERWENT;	
			IBM TDB	
_	68	(ip near2 address\$4) same multicast\$4 same	USPAT;	2004/07/30 17:07
	00	(conver\$5 or translat\$4 or map\$4) same	US-PGPUB;	2004/07/30 17:07
		unicast		
		unicast	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	56	((ip near2 address\$4) same multicast\$4	USPAT;	2004/07/30 16:27
		same (conver\$5 or translat\$4 or map\$4)	US-PGPUB;	
		same unicast) not ((ip near2 address\$4)	EPO; JPO;	
		same multicast\$4 same (conver\$5 or	DERWENT;	
		translat\$4 or map\$4) and mobile\$1)	IBM_TDB	
_	34	(US-6611510-\$ or US-6138144-\$ or	USPĀT;	2004/07/30 17:07
		US-6738828-\$ or US-6188691-\$ or	US-PGPUB	
		US-6147986-\$ or US-6230012-\$ or		
		US-6741575-\$ or US-6691227-\$ or		
		US-6721297-\$ or US-6657981-\$ or		
		US-6243758-\$ or US-5572528-\$ or		
		US-6240089-\$ or US-6477150-\$ or		
		US-6636502-\$ or US-6714987-\$ or		
		US-6477149-\$ or US-5825759-\$ or		
		US-5325362-\$ or US-5862345-\$ or		
		US-6577609-\$ or US-5517494-\$ or		
		US-5930259-\$ or US-6611872-\$ or		
		US-6415323-\$ or US-6640251-\$).did. or		
		(US-6687735-\$ or US-6331983-\$ or		
		US-6181697-\$ or US-6189039-\$ or		
		US-5778187-\$ or US-6584096-\$).did. or		<u> </u>
		(US-20010036834-\$ or		ĺ
		US-20020012327-\$).did.		
-	7	((US-6611510-\$ or US-6138144-\$ or	USPAT;	2004/07/30 17:07
		US-6738828-\$ or US-6188691-\$ or	US-PGPUB;	
1		US-6147986-\$ or US-6230012-\$ or	EPO; JPO;	
1		US-6741575-\$ or US-6691227-\$ or	DERWENT:	
1		US-6721297-\$ or US-6657981-\$ or	IBM TDB	
		US-6243758-\$ or US-5572528-\$ or		
1		US-6240089-\$ or US-6477150-\$ or		
		US-6636502-\$ or US-6714987-\$ or		
		US-6477149-\$ or US-5825759-\$ or		
	]	US-5325362-\$ or US-5862345-\$ or		
		US-6577609-\$ or US-5517494-\$ or		į
		US-5930259-\$ or US-6611872-\$ or		
1		US-6415323-\$ or US-6640251-\$).did. or		
		(US-6687735-\$ or US-6331983-\$ or		
		US-6181697-\$ or US-6189039-\$ or		
	į l			
		US-5778187-\$ or US-6584096-\$).did. or		
		(US-20010036834-\$ or		
		US-20020012327-\$).did.) and ((ip near2		
		address\$4) same multicast\$4 same (conver\$5		I
	2	or translat\$4 or map\$4) same unicast)		

-	3	(((US-6611510-\$ or US-6138144-\$ or	USPAT;	2004/07/30 17:08
		US-6738828-\$ or US-6188691-\$ or	US-PGPUB;	
		US-6147986-\$ or US-6230012-\$ or	EPO; JPO;	
		US-6741575-\$ or US-6691227-\$ or	DERWENT;	
		US-6721297-\$ or US-6657981-\$ or	IBM TDB	
		US-6243758-\$ or US-5572528-\$ or	_	‡
		US-6240089-\$ or US-6477150-\$ or		
		US-6636502-\$ or US-6714987 <b>-</b> \$ or		
		US-6477149-\$ or US-5825759-\$ or		
		US-5325362-\$ or US-5862345-\$ or		
		US-6577609-\$ or US-5517494-\$ or		
		US-5930259-\$ or US-6611872-\$ or		
		US-6415323-\$ or US-6640251-\$).did. or		İ
		(US-6687735-\$ or US-6331983-\$ or		
		US-6181697-\$ or US-6189039-\$ or		i
		US-5778187-\$ or US-6584096-\$).did. or		
		(US-20010036834-\$ or		ļ
		US-20020012327-\$).did.) and ((ip near2		
		address\$4) same multicast\$4 same (conver\$5		
		or translat\$4 or map\$4) same unicast)) and		
		subnet		
-	15	("5331637"   "5361256"   "5459725"	USPAT	2004/07/30 17:29
		"5517494"   "5519704"   "5530703"		
		"5577035"   "5600795"   "5608726"		
		"5740374"   "5778187"   "5854898"		
	×	"5983005"   "6006267"   "6041166").PN.		